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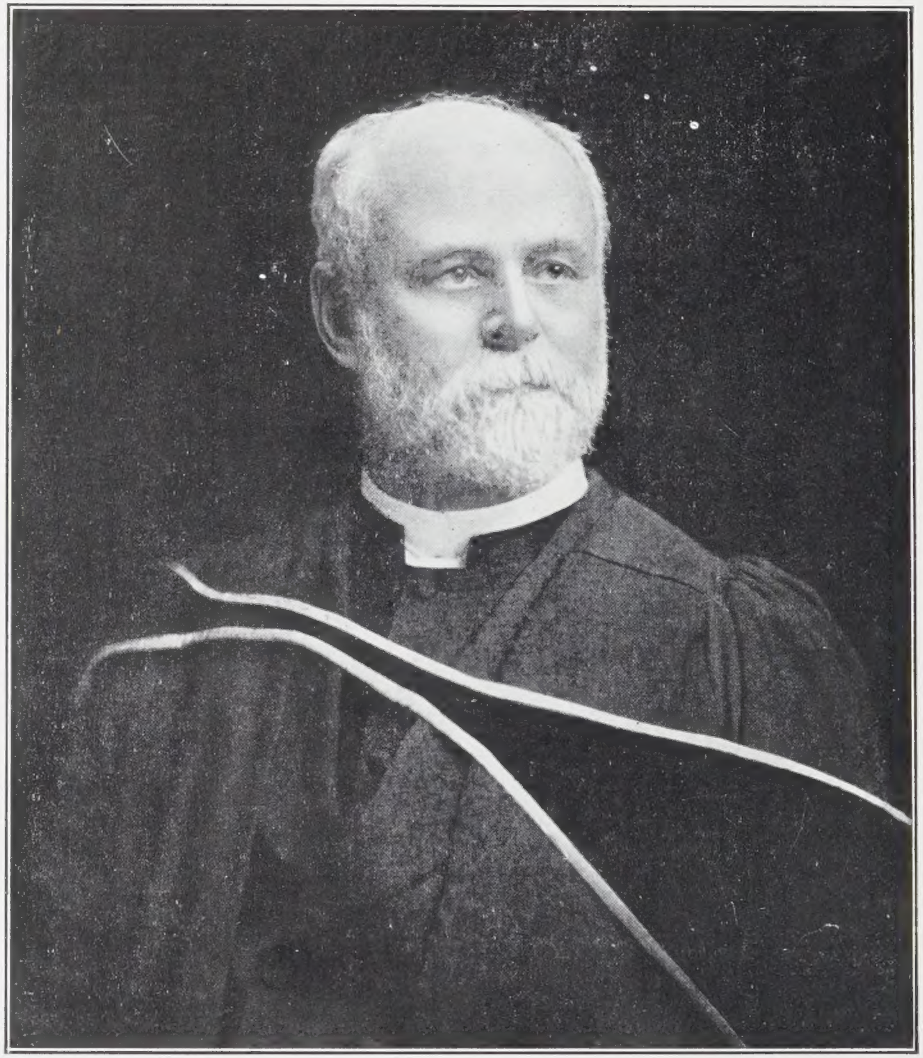

PRINCIPAL GORDON

To Our Principal

The Rev. Daniel Miner Gordon, M.A., D.D.

whose kindly interest

in all that pertains to the student's welfare

we gratefully acknowledge.

This book is respectfully dedicated by

the students of the Senior Year in Science

of Queen's University,

April, 1913.

SAPIENTIA ET DOCTRINA STABILITAS

Sc
QU
'13

SCHOOL OF MINING
KINGSTON

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QUEEN'S YELL

Queen's! Queen's! Queen's!
Oil thigh, na banrighinn gu brath,
Cha gheil! Cha gheil! Cha gheil!

SCIENCE YELL.

Steam drills, concentrators,
Gold and iron ore,
Science Hall forever,
Queen's forever more!

SCIENCE '13 YELL

Rah! Rah! Rah!
Rah! Rah! Rah!
Tee Squares, Blue Prints, Geology, Math,
Science Hall ever,
Ever more, Queen's!
Hurrah! Hurrah!
Science '13!

THE CHANCELLOR
SIR SANFORD FLEMING, K.C.M.G.

Science '13 Song

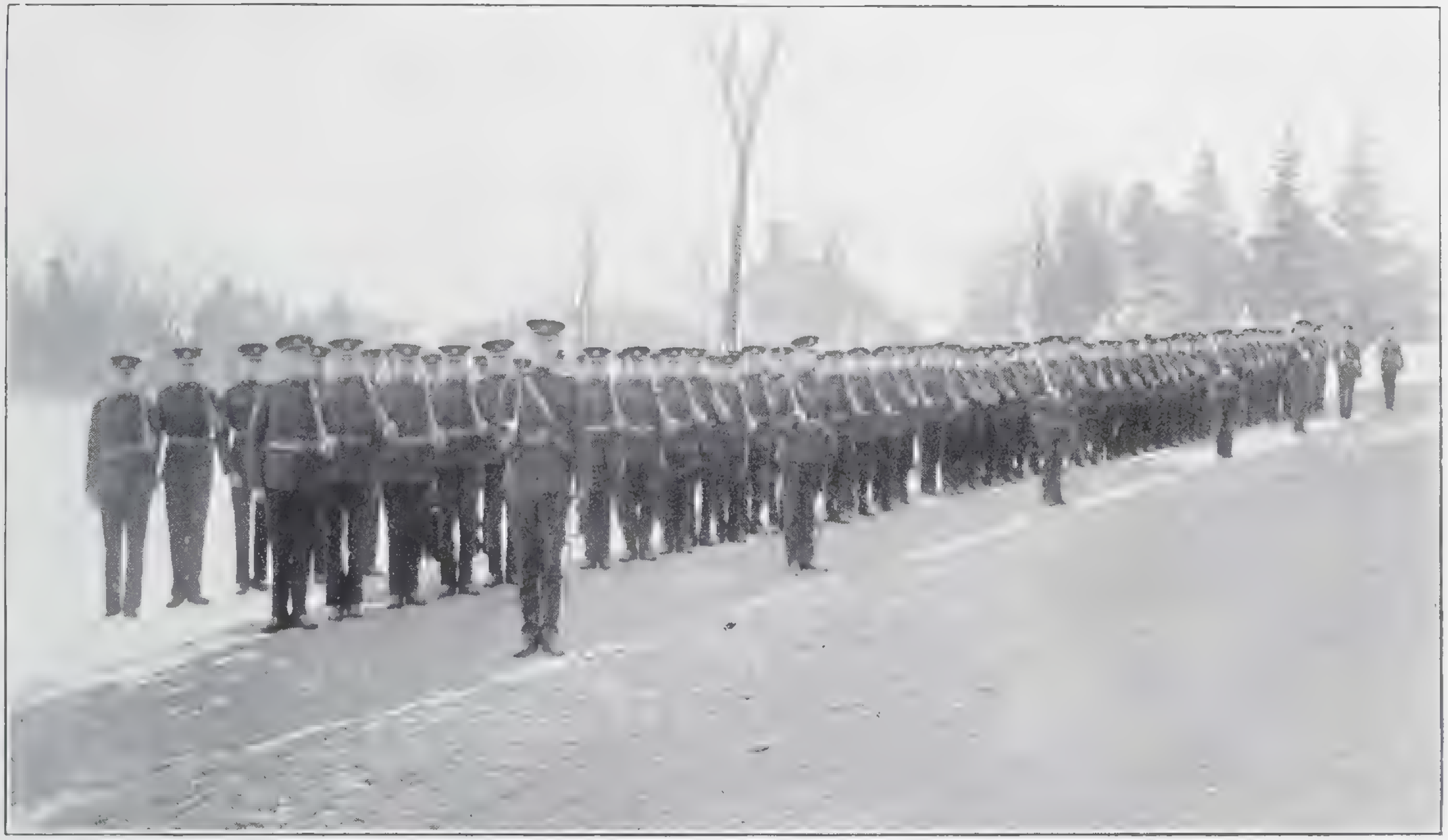
Tune—*I'm the Guy.*

When they hear us yell,
And we yell right well,
People turn around to say, "Who's that?"
All the college cry,
The Levana Ladies sigh,
Till they know exactly where we're at.
The Kaiser gives us notes,
Bill Nicol hands out jokes,
And A. K. Kirk says, "Don't go on a tear";
We work most every day,
Unless we feel like play,
We're here, we're there, we're mostly everywhere.

We're the guys that equalize equations,
We're the guys that put the sine in trig,
To our friends we never lie,
In exams. we're always high,
What we do in future years will turn out Big.
We're the guys that Lindsay said were rotten
Years ago, but now he has forgotten.
What's that? Who are we?
Seniors all, 1—9—1—3,
We the guys that drank Old Kingston dry of booze.

Freshies think we're swell,
Juniors know us well,
Sophs say, "Some day we will be like that."
The cops know us by sight,
They've often seen us tight,
On Friday nights we all go on a bat.
At drafting we are fine,
We're at it all the time,
We know everything that is, from A to Z;
Next Spring will be our last,
Our exams. will all be passed,
And after that we'll do as we dam please.

We're the guys that put the rails in railroads,
We're the guys that put the push in steam,
We're the guys that far and wide
See the world from side to side,
We're the guys that make the concrete fat or lean.
We're the guys that build the dams and bridges,
We're the guys that put the gold in mines.
What's that? Who are we?
We're some class, nineteen—1—3,
We're the guys of whom you'll hear in after times.



NO. 5 CO., CANADIAN ENGINEERS

SCIENCE '13

History Science '13

Those who say they know, have told us that Science '13 was just as green as any other college year when first they set foot—with the flaunting hilarity of those who are in the possession of the greater part of knowledge common to mankind—upon the Old Ontario Strand. Their entrance into the college sphere of Queen's was not marked by any particular conjunction of the planets, although we have reason to think that such a thing could have happened and yet been quite in keeping with this particular event in the history of the School of Mining, Queen's University, the City of Kingston, and the world at large. Whether any, outside of Year Thirteen Science, have appreciated our presence here can best be left to future ages to relate. At all events, we have felt confident that our activities during our freshman year will go down in history, perhaps away down.

As, from our subsequent observations, has been the case with each succeeding freshman year, we have, during the first few days of our sojourn in the School of Mining, performed dutifully and to the letter the lost sheep act, wandering from place to place irresolute, and carrying heavily on our minds the pall of coming events. One event in particular seemed to prey upon our minds and supply a great deal of conversation for the groups gathered about the halls between classes.

In this dilemma, as has always been the case and no doubt always will be the case—at least until he has departed this life—"Billy" Baker came to the rescue with the suggestion of organization. Ah, what an inspiration! Organization! The process of organization was soon completed, and Science '13 could now feel on a par, if not above par, in relation to any other year in Science, for had we not an executive working in our interest, including a police force and detective agency, which would be fully effective in securing the safety of the year against the inroads of Science '12!

Notwithstanding all these precautions, the tale of the "rush" was soon told in the same old way. Of course we had reasons for our defeat, weighty reasons too, which no amount of argument could overthrow, but precedent said that we were defeated and must like dutiful freshmen be patient and endure the trial, until we merited being enrobed in the all-wise garment of sophomores.

Without going into details, the event took place in front of the gymnasium, and the sophomores used one-eighth inch rope and 2-in-1 shoe polish. Part of the class was at eight o'clock gymnasium work, part was studying the beauties of the sixteenth century drama under Prof. Macdonald, others still reposed on their virtuous couches, for was not the hour unduly early? This has been ascribed as one of the main reasons for our defeat.

Investigation showed that some of the year found it more interesting to go for a walk down town, rather than take part in the reception which '12 had so kindly and carefully prepared for them. At the next meeting of the year these gentlemen were severely admonished by the year. Some of the dedefaulting members gave the meeting reasons for their actions on the eventful day, but to those who failed to give sufficient reason, the wrath of the year was meted out in full measure.

The President of Science '13 during this period of their history was R. M. Cameron, who shortly afterwards left Science to sojourn with the barbarians across the campus. The rest of our executive was composed of such illustrious men as H. A. Smail, Vice-President; T. M. Melrose, Secretary; G. B. Herridge, Prophet; J. N. Gibson, Orator; Morgan, Marshal; and Coghlin, Historian. Only two of the original executive have remained with the year during the four years of its sojourn at Queen's, the two being T. M. Melrose and J. N. Gibson.

The athletic department of the year was upheld by Herb Dickson(who figured on the First Rugby Team, and who was also Intercollegiate heavyweight boxer, defeating Gage, of Toronto, in one of the prettiest bouts ever seen at Queen's.

A happy point to relate is that the results of the examinations of April, 1910, allowed at least a representative number of the year to return to College in the fall of the same year. Some even distinguished themselves by attaining a high mark of scholarship. The most noteworthy was R. F. Clark, who secured the Chancellor's scholarship. This achievement of R. F. Clark's was only eclipsed by the banner designs which he made for the Y.W.C.A.

When we saw the freshmen of Science '14, we remembered the sad incidents of our freshman year, and we began to realize that precedent demanded a rush. In fact, many of the year for many moons had been contriving inovations which they might introduce at this event.

The 2-in-1 shoe polish of Science '12 was improved on, otherwise the outline of proceedings was much the same as those of the previous year. The freshmen took the reception all in good part, and it became generally circulated that Science '14 was a year worthy to succeed us.

It was in the Sophomore year that Queen's began to discover that Science '13 really had some athletic material. Our men became prominent on the football field, in the hockey world, an don the mat. "Mel" Smith was the lucky man for inside wing on the first football team. "Wally" Smith upheld the position of right wing on the first hoc [illegible] am, and upheld it well. On the mat O. [illegible] eded in bringing the Intercollegiate [illegible] his weight to Queen's.

Strange to relate, the scholastic resources of the year seemed to wane during this period. Only for the intellectual prowess of members such as W. A. F. Benger the year might have failed to produce any mentally powerful lights at all. Our reputation with the Math. professors began rapidly to diminish, and an era of great persecution and vocal abuse, from the powers that be, began to dawn. However, even through these darkest of days the members individually and collectively preserved a calm perseverance, verging on doggedness, and went about the tasks of life, happily carolling snatches of song.

When finally we emerged from the soup many were left behind until the Sups. in the fall.

During this decade in our history, Professor Matheson was our Hon. President, with the following executive of leading lights: R. F. Clarke, President; W. Dalzeil, Vice-Pres.; O. B. Roberts, Secretary; C. S. McKenzie, Prophet; W. S. Laing, Poet; E. T. Sterne, Orator; W. Morgan, Marshal, and L. G. Taylor, as Historian.

Third Year.

It is interesting to note that the overthrow of the Laurier Government was immediately succeeded by the entrance of Science '13 upon their Junior year. This year [illegible] our privilege to hold our heads above t[illegible]hrong, and to consider sophomores [illegible] alike, as the masses, the plebians, [illegible] ashed. Rushes had no more interest to us now, except as a deviation from the monotonous path of attending lectures. In any case, rushes had greatly deteriorated since our freshman year.

Our choice for honorary president this year was from the Department of Civil Engineering, Professor A. K. Kirkpatrick. The new executive consisted of: President, W. E. Manhard; Vice-President, S. Grey; Secretary, G. W. Macleod; Prophet, J. E. Caughey; Orator, O. B. Roberts; Marshal, H. J. Dunlop; Historian, R. M. Cram, and W. S. Laing re-elected Poet.

Our political genius now became prominent, R. F. Clarke ran at the Alma Mater elections for the office of assistant secretary and won his race by a large majority.

Whereas in the freshman year our members reached the century mark, they had by this time been so diminished as to only reach the fifty mark, with the addition of twenty who had since joined the year.

The members of our year on the executive of the Engineering Society were: Second Vice-President, R. F. Clarke; Secretary, T. M. Melrose; Committeemen, S. Gray, J. G. Cross.

In athletics the year was well represented. Particularly in the basketball teams was our year prominent. Those of our members on the first basketball team were: E. T. Stearne, R. L. Meek, J. F. Pound, and D. M. Jemmett.

The first hockey team had two of our members on its line-up, "Wally" Smith and L. V. Trimble. In the year contest in the School of Mining Hockey League, Year '13 all but came out best. The last game was lost merely on a technical point, and not because of lack of playing ability on our part. The team consisted of C. S. Parsons, G. W. MacLeod, S. K. Ireland, J. D. Gardiner, C. W. Greenland, R. F. Clarke, H. L. Beers, and "Mel" Smith.

A point of interest to the School of Mining at this time was the opening of Carruthers Hall for the Department of Civil Engineering. This was a great improvement to the School. It meant that instead of draughting over in the old workshop, where light, air, heat and space were a minimum, the civil engineering students of the third and fourth years could now work in comfort, and with as great a pleasure as draughting can afford, in a new, clean, and spacious room. The event was duly celebrated by an "At Home" in the new draughting room. In due time work was again the order of each day in Carruthers Hall, and the "Janitorial" duties were peacefully conducted by "Bobbie" the energetic little one.

When Science '13 had reached its final year its membership numbered sixty, and according to the regular course of events the year again organized, this year choosing for its Hon. President, Professor J. C. Gwillim from the Department of Mining Engineering; President, W. S. Laing; Vice-President, T. M. Melrose; Secretary, L. G. McNeice; Prophet, R. M. Cram; Orator, W. E. Manhard; Marshal, G. W. Macleod; historian, H. W. Harkness; and Poet, J. D. Gardiner.

It was our privilege this year to take into our hands, as a year, the responsibility of all the activities of the School of Mining. W. Dalzeil was elected President of the Engineering Society.

The first event to take up our attention was the Engineering Society dinner. The dinner committee consisted of: A. K. Anderson, D. M. Jemmett, C. S. MacKenzie and W. S. Laing., and it is safe to say that, due to the energetic work of this committee, the dinner was in every way a success. Unfortunately, all our speakers who did not walk, came on trains which they missed, and in cabs which broke down, and so did not come at all. But their absence was amply atoned for by such speakers as Dr. Kalmus, Prof. Gill and the Rev. Dr. Jordan, who kindly consented to speak at the last minute. Our poet, J. D. Gardiner, composed for us a most excellent year song, and, due to the energetic work of W. S. Laing, we had a faculty year song which could never have been excelled. "The Grub was all right."

Following close on the dinner, were the A. M. S. elections, and so vigorous a campaign did the Engineering Society conduct, that but one science candidate was defeated. From our year W. S. Laing ran for the office of second vice-president. His opponent, W. L. Spankie, was strong, but "Stew" went several better.

Everybody said the Science Dance on January 31, 1913, was a complete success. The other faculty dances had all been marked successes, particularly the Arts Dance, so all agreed that the only point in which we could excel would be in the decorations, so in the fertile brain of R. L. Meek was concocted a decoration scheme which truly reached the maximum, and those who were at the dance that night saw, approaching them from the front of the hall, a locomotive with the bells on, which was truly amazing.

To the dinner, the dance, and the elections, the Engineering Society owe a great deal to D. M. Jemmett, R. D. Harkness, R. L. Meek, and others, for the energetic way in which they undertook the decorations on these three occasions.

In athletics we still took our place. Year '13 was well represented on the Rugby team, Jack Erskine captained the team and H. J. Dunlop and R. D. Harkness were also on the line.

This year, too, Science '13 "Muckers" occupied their new and handsome quarters in Nicol Hall, and rumor has it that they are doing credit to the building. Science '13 has had the opportunity of witnessing the opening of three new buildings in the School of Mining. The third year of its history also saw the opening of Gordon Hall, as well as the reopening of Carruthers Hall for the use of the Civil Engineers.

Now, as we do not deem it wise to go into our later history too minutely, it is only fitting that this inefficient sketch should stop here, and the remainder of our history and future proceedings be left to coming generations to record.

ADMINISTRATION BUILDING

PROF. W. L. GOODWIN, B.Sc., D.Sc., F.R.S.C.
Director of the School of Mining

GYMNASIUM

A. K. KIRKPATRICK, C.E.,
Professor of Civil Engineering

ALEXANDER MACPHAIL, B.Sc.
Professor of General Engineering.

LINDSAY MALCOLM, M.A., B.Sc., O.L.S.
Professor of Municipal Engineering

CARRUTHERS HALL, CIVIL ENGINEERING BUILDING

Civil

R. M. CRAM (Bob)

Who broke no promise,
Served no private end,
Who gained no title
And who lost no friend.

W. E. MANHARD (Bill)

One whom the Gods have loved,
Tall and most divinely fair.

Civil

H. J. DUNLOP (Dunny)

Skilled was he in sports and pastimes.

L. G. McNEICE

He does confess he feels himself distracted, but from what cause he will by no means speak.

Civil

E. E. WILSON (Evey)

He admits there are a few other manufacturing centres in the world, but only one Hamilton.

E. J. SIRETT (Eb)

Who starred in "The Red Widow," singing: "This aint no place for me."

J. E. CAUGHEY (Jack)

This happiness a habit is,
The world is what we make it.

M. J. AYKROYD (Ack)

Ack says: Bitulithic has solved the paving problem.

Civil

S. G. DAWSON, B.Sc. (Syd)

Woe to the country whose conditions no longer produce great men to manage its affairs.

J. P. HARVEY (Pete)

I must be going down hill when I find my work equals my aspirations.

C. O. LAIDLAW

One moment now may give us more than years of toiling reason.

W. A. FAIRLIE (Bill)

The thin red line.

J. M. LaFOREST

His life was so gentle that nature might stand up and say to all the world, this was a man!

W. L. KANE

Famous for his merry (?) whistle tunes.

Civil

H. T. EATON (Timothy)

A strong advocate of "A pin-connected truss."

C. T. LAIDLAW

'Tis better to let others talk,
And listen, while they say instead
The foolish things you might have said.

Civil

W. M. JOHNSTON (Jack)

We must take care of the beautiful,
for the useful can take car of themselves.

F. P. McAULIFF (Mike)

A sincere student of human nature,
and loved by the fairer sex.

T. M. MELROSE (Tom)

For I'm packing my kit in the morning boys, and it's over the hill or bust.

C. S. MacKENZIE (Mack)

A typical Scot, open to conviction but never convinced.

Civil

S. K. IRELAND (Syd)

Now seriously considering "Home Rule."

J. D. GARDINER (Davie)

A silent(?) partner from the Capital. A consistent skater, and fond of centre ice.

HECTOR WARREN

"You are a good fellow,
I go to see you this time."

W. E. LUMB

Day after day, day after day
He stuck, nor work, nor motion,
As idle as a painted ship
Upon a painted ocean.

Civil

L. R. ADAM

The Aristocrat.

H. S. DICK (Shorty)

Kingston's only agitator of "Municipal Improvements."

H. D. ROGERS (Hugh)

He favors the two-post cluster-bent.

L. G. TAYLOR (Lorn)

We regret that he is not with us, for his presence was ever a shining light.

O. B. ROBERTS (Pop)

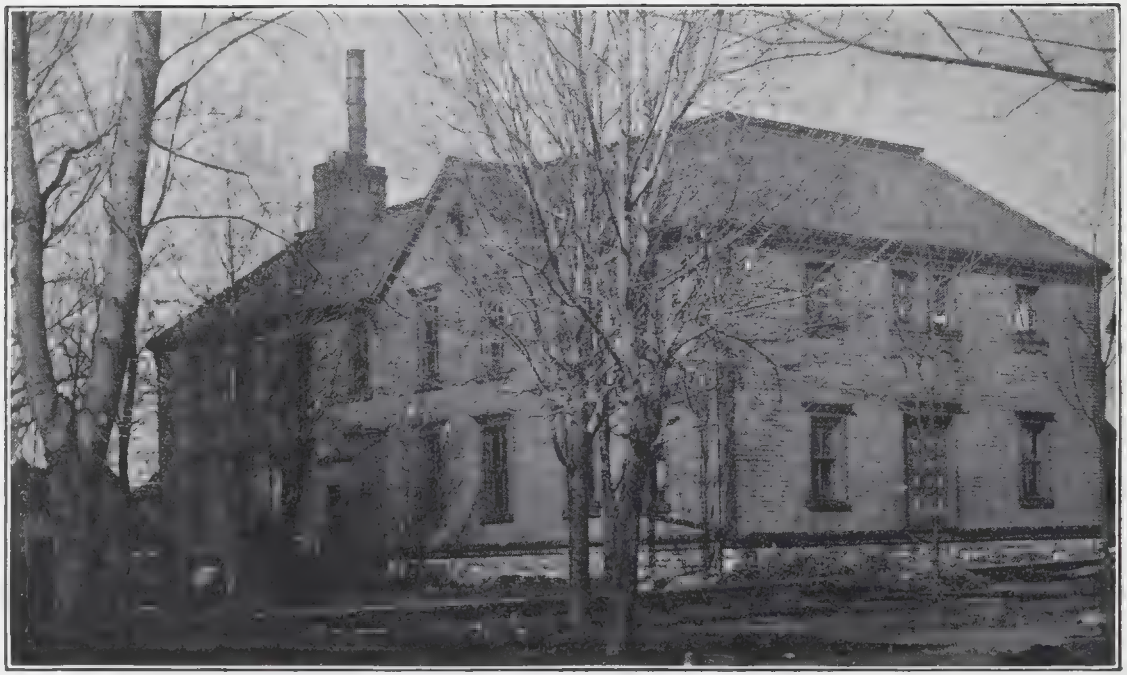
One world at a time.

'13 CIVIL CLUB

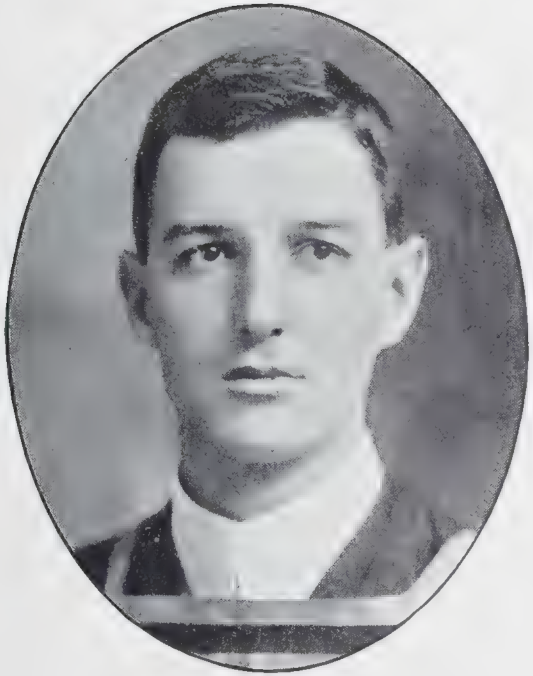
J. C. GWILLIM, B.Sc.
Professor of Mining.

S. F. KIRKPATRICK, M.Sc.
Professor of Metallurgy.

NICOL HALL

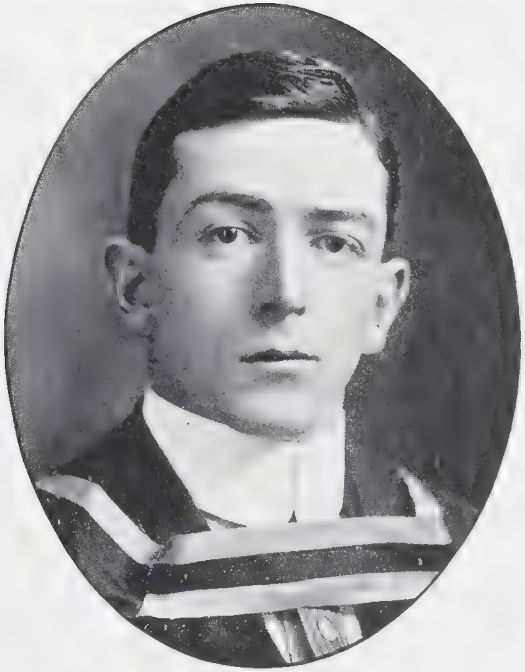


THE OLD MILL



A. K. ANDERSON (Andy)

Oh! I want to go back to the timber
again,
I'm scared of the terrible town.



G. W. McLEOD (Mack)

To slope or not to skate,
Which is the greater evil?

Mining—Metallurgy

R. R. WILSON

.Crow's Nest Bob.

S. GRAY (Stan)

A woman is only a woman,
But a good cigar is a smoke.

B. W. W. McDOUGALL, B.A. (Mack)

Ah—why should life all labour be?

C. S. PARSONS (Stew)

The smell of salt, the sense of fog-bedimmed lands,
The vision of "gold reefs" and dark magnetic sands,
Proclaim him from Nova Scotian shores.

Mining—Metallurgy

J. W. BELL (Rigley)

Jack would laugh and joke all day,
Never saw a lad so gay.

R. M. ASSELSTINE

His life was so gentle and the elements so mixed in him that nature might stand up and say, this was a ladies' man.

E. R. WIGLE (Wag)

A frame of adamant, a soul of fire,
No dangers fright and no labours tire.

C. A. KIRKEGAARD (Kirk)

He hitched his wagon to a star.

Mining—Metallurgy

C. H. FREEMAN

His ways are ways of pleasantness
And all his paths are peace.

E. F. ELLIOTT (Ed)

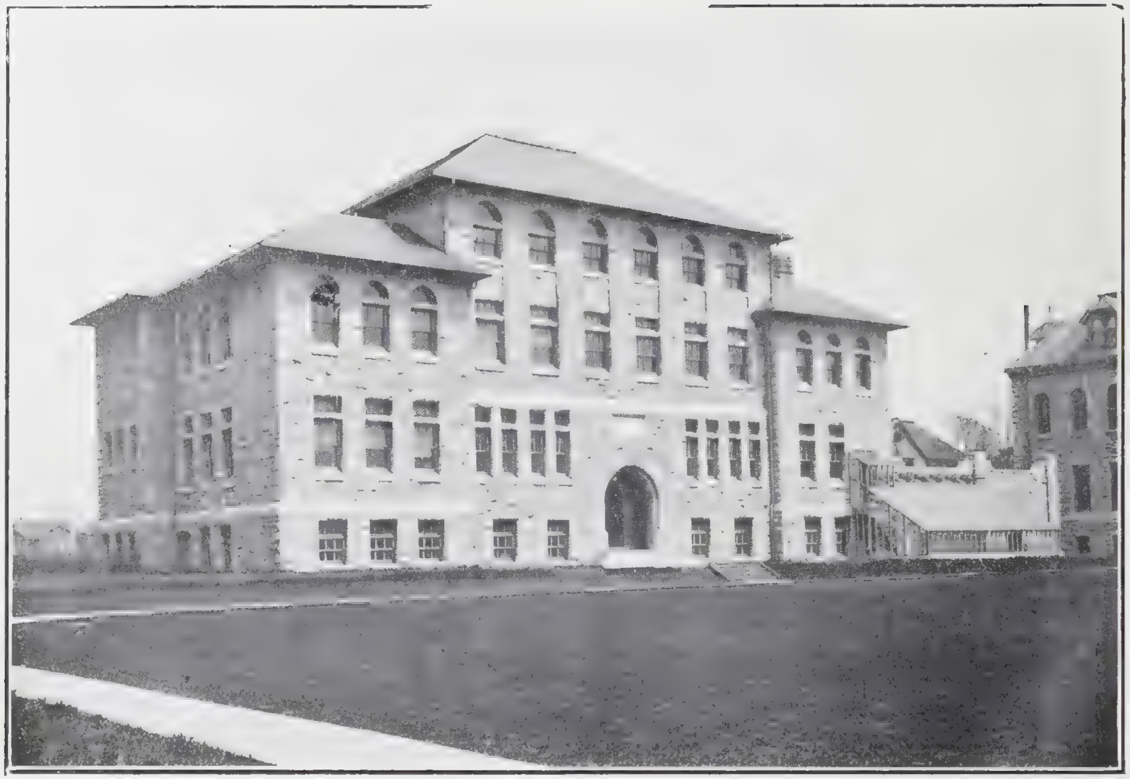
When study interferes with sport, cut out the study.

J. G. CROSS

She was but a village maid
And a landscape painter he.

S. McCANN, B.Sc. (Syd)

Skilled in all the arts of fussing.



FLEMING HALL

L. W. GILL, M.Sc.

Professor of Electrical Engineering.

E. W. HENDERSON, B.Sc.

Assistant Professor of Electrical Engineering.

Electrical

R. D. HARKNESS (Dick)

"'Phoney, by heck."

R. HINTON (Bob)

Calculus is his favorits pastime.

Electrical

D. M. JEMMETT, M.A. (Doug)

Steinmetz and Karapetoff
Consult him on all weighty matters

H. MATHESON (Hugh)

"Fools rush in where angels fear to tread."

Electrical

R. W. BURDEKIN (Burde)

"Schenectady? Why that's where the General Electric Co. is—you rummy!"

W. L. DAWSON (Wilf)

"And still his tongue ran on,
The less of weight the greater ease."

F. O. WILLHOFFT, M.E., M.A.
Professor of Mechanical Engineering

W. DALZIEL (Dal)

Uh! What's this?

H. W. HARKNESS ('Arrie)

The man that hath no music in his soul,
Nor is not moved with concorn of sweet
sounds,
Is fit for treasons, strategems and spoils.

W. S. LAING (Stew)

Some to the church repair,
Not for the doctrine,
But for the music there.

R. L. MEEK (Bo')

Lo! you're NOT *going*
To the Orpheum?

Mechanical

J. F. POUND (Dyne)

Of manners gentle, of affections mild!
In wit a man, simplicity a child.

J. N. GIBSON (Gibbie)

Zounds! I was never
So bethumped with words.

F. BENGER (Freddie)

Thou Juliu, thou hast metamorphosed me,
Made me neglect my studies, lose my time.

KINGSTON BUILDING

J. MATHESON, M.A.
Professor of Mathematics
Dean of the School of Mining.

A. L. CLARK, M.A., Ph.D.
Professor of Physics.

GORDON HALL

M. B. BAKER, B.A., B.Sc.
Professor of Geology.

WM. NICOL, M.A.
Professor of Mineralogy.

E. T. STERNE (Tilly)

Who analysed an "Impulse of a Moment" and found it exceedingly dangerous.

C. W. GREENLAND (Greenie)

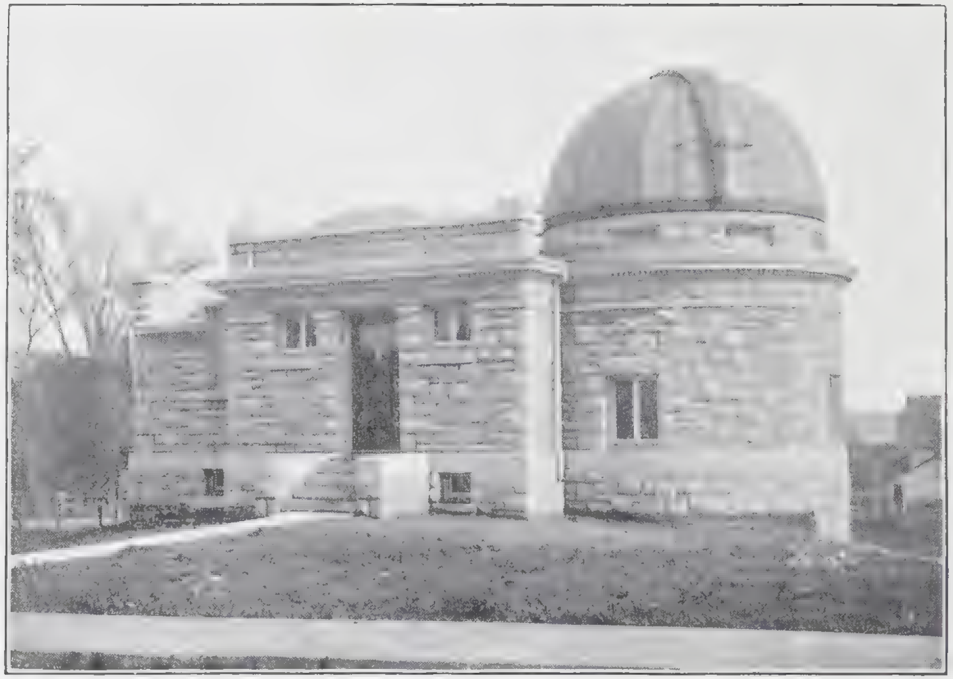
The long Green.

J. R. MARSHALL

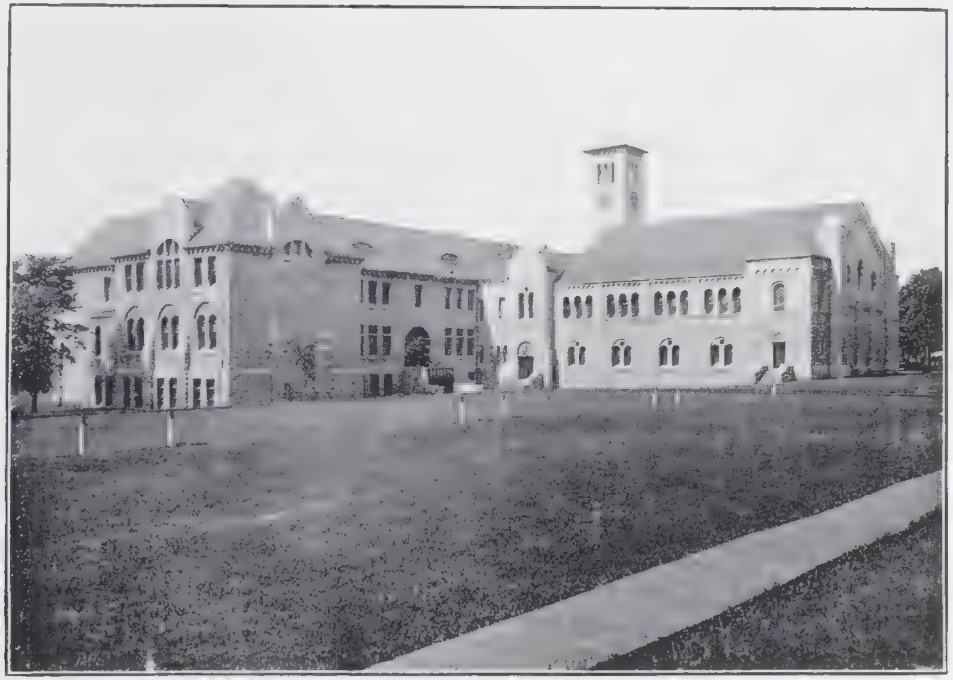
The man that threw the Pyrite Crystal.

R. C. CANTELLO (Bobbie)

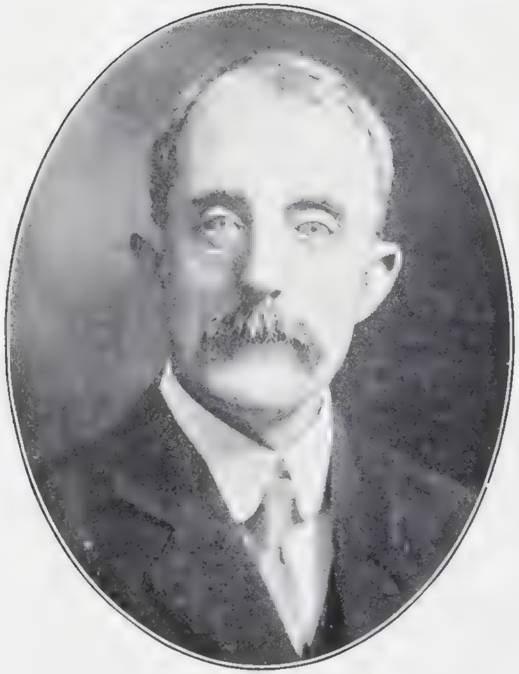
The Architect of Gananoque's H_2SO_4 *plant.*



DUPUIS OBSERVATORY



GRANT HALL AND KINGSTON BUILDING



J. WADDELL, B.A., D.Sc., Ph.D.
Assistant Professor of Chemistry.

W. C. BAKER, M.A.
Assistant Professor of Physics.

LEO F. GUTTMANN, A.C., G.I., Ph.D., F.I.C.
Assistant Professor of Chemistry.

W. D. BONNER, M.A., Ph.D.
Assistant Professor of Chemistry.

W. O. WALKER, M.A.
Assistant Professor of Chemistry.

J. M. ADAMS, Ph.D.
Assistant Professor of Physics.

J. E. HYDE, M.A.
Assistant Professor of Geology.

TENNIS COURTS ON QUADRANGLE

PRINCIPAL'S RESIDENCE

Prophecy

The Class of Science Thirteen request the honour of your presence at their first reunion banquet to be held in the Students' Union, Queen's University, on the evening of the tenth anniversary of their graduation, Monday, April 30th, 1923.

This invitation was sent to the Engineering Society and I was chosen as its representative. The reunion had been the chief topic of discussion for weeks past, for it was a recognized fact that many of the foremost engineers of the day graduated in 1913.

W. S. Laing and R. D. Harkness, both of whom spoke at the Science Dinner; R. R. Wilson and E. T. Sterne, who addressed the Engineering Society, were all members of the Year Thirteen, but it can best be shown what the class is by describing the banquet.

After a most bountiful repast had been served, the President proposed the toast to the King, to which all responded by rising and singing the National Anthem. Then in a few words he welcomed all who had been able to come, and read messages of regret from those who were unable to be present. "W. Dalzeil with his wife and family are touring on the Continent, and W. M. Johnston and R. M. Asselstine are absent for equally good reasons."

C. W. Greenland responded to the toast, "The Ladies", in a few short sentences which were right to the point. He showed that he had a knowledge of this subject that could only come from a careful study and a wide experience.

Professor Alexander Macphail, in replying to the toast to the Faculty, said: "Gentlemen, I intend to deal this evening with those members of the Faculty from whom you used to take lectures years ago. Professor Malcolm has given up his connection with the School of Mines to become President of the Ontario Brick Paving Company. 'Don't let a piece of muslin get the better of you' is still Professor Nicol's advice. Dr. Leo Guttmann has now dark blinds for the window of the Chemistry lecture room, and a lantern helps to make the lectures interesting. A very marked improvement in the Canadian rivers has shown that the efforts of Professor A. K. Kirkpatrick have not been in vain."

The Historian, L. G. McNeice, read the history of the class since graduation ten years ago. He said: "The complete history of a class such as Science Thirteen would fill a volume, so that I will tell you only what some of our class are doing, and to what positions of eminence they have attained during the last decade."

Turning our attention to the Georgian Bay Canal, we see, as Chief Engineer, Billy Manhard, very ably assisted by F. P. McAuliff. Much credit for the good work is due however to a very efficient firm of contractors, Harvey and Caughey. J. N. Gibson, one of the silent men who do things, has charge of a large steam shovel, and due to his excellent work the excavation will be completed in good time. L. R. Adam is getting some good experience in instrument work, and with S. K. Ireland as head chainman, remarkable accuracy has resulted in the earthwork estimates. The completion of the canal will enable the lumber to be shipped from the E. E. Wilson limits much more cheaply than formerly.

E. F. Elliott has become President of the Nip and Tuck Consolidated Mining Company, which includes the "Jack Bell" mine, the one recently opened by Gray and MacLeod, and one in which C. H. Freeman had a controlling interest.

These mines were examined and reported on by C. A. Kirkegaard, mining expert, and found to contain very rich deposits of copper. J. G. Cross has the position as diamond drill helper. Since being in Cordova in 1912, he has cultivated a taste for underground work.

Some of our members are prominent in the service of the Canadian Pacific Railway. L. W. Benger has charge of an elevator at Fort William. Harry Harkness has been recognized as an excellent Superintendent of the Montreal Shops with H. Matheson as head of the Electrical Department. J. M. LaForest is inspector of bridges and trestles. In inspecting a trestle he frequently leaves the train and makes flying visits to the various parts in order to detect the weak spots. J. A. Erskine is in structural designing for the Company, and the "Erskine Truss", now so widely used in bridge work, was designed by him.

There is an enterprise in South America which deserves more than passing comment, as it has a very energetic President in T. M. Melrose, from Coaticook. It is the Chili and Longitudinal Railway from Autojagasta to La Paz. The organization of this company is most complete, with Hector Warren head of the construction department, E. J. Sirrett in charge of maintenance-of-way, while H. J. Dunlop, Dave Gardiner and Hube Rogers are spike drivers, with C. S. MacKenzie as water boy.

The St. Lawrence Power Development Company recognized that M. J. Aykroyd was the right man in the right place when they chose him as engineer to put in their dam across the St. Lawrence. He showed his good judgment when he engaged C. O. and C. T. Laidlaw as his structural engineers. At this dam are developed some 200,000 electric horsepower which is distributed throughout the country. This branch of the work is ably managed by D. M. Jemmett, with R. Hinton in charge of the Gananoque plant.

In Montreal a new twenty-storey sky-scraper is nearing completion. Much credit for this excellent structure is due to a firm of architects of which H.

S. Dick is a partner. W. L. Dawson is to have a position as elevator boy when the building is opened.

Among others scattered over the globe is O. B. Roberts, popularly known in scientific circles as the "Baby Engineer." He is now in the west growing up with the country. C. S. Parsons and B. W. MacDougall are at Torbrook Iron Mines, Nova Scotia, the former as manager, the latter in the capacity of mine surveyor. H. T. "Timothy" Eaton has decided that the profession is not his calling, but has found a larger field of usefulness in lecturing. W. E. Lumb has also deviated from the straight and narrow path, and has gone into the manufacture of engines, internal combustion engines a specialty.

But the "Dear Old Limestone City" could not prosper without some of our members, and so we find J. F. Pound, alias "Shorty", and R. L. Meek in the employ of the Canadian Locomotive Company. W. L. Kane as City Engineer, with Bill Fairlie as engineer in charge of the waterworks, left their footprints on the sands of time when they solved the problem of getting a pure water supply for the city.

Thus are our names written in the annals of history. If one could venture into the future ten years, one would likely find the class still more scattered, but each member still loyal to the banner year of Science Hall.

Some will go to the Western prairies,
Some to Athens or to Rome,
Some to Greenland's icy mountains,
More, perhaps, will stay at home.
When we come again together,
A day at Queen's to pass,
Wives and children all included,
Won't we be the uproarious class.

Next came the year poem and prophecy. The poet composed, the prophet prophesied even greater things than had yet been. Then we all rose and sang "God save the King", and before leaving the hall all joined in,

Queen's! Queen's! Queen's!
Oil thigh, na banrighinn gu brath,
Cha gheil! Cha gheil! Cha gheil!

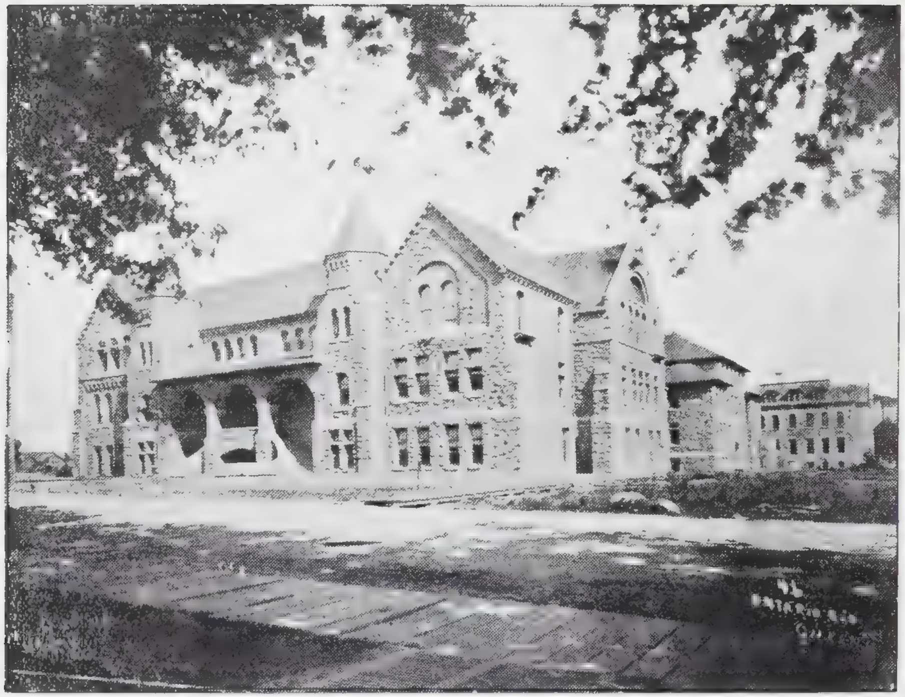
and then,—

Steam drill and concentrators,
Gold and iron ore,
Science Hall forever,
Queen's forever more!

and last, but not least,—

Rah, rah, rah! Rah, rah, rah!
T-squares, blue-prints, geology, math,
Science Hall ever, evermore Queen's
Hurrah, hurrah, for Science '13!

INTERIOR OF GRANT HALL



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